

Abstract of the Disclosure

DUAL ENGINE ELECTRIC DRIVE SYSTEM

An electric drive system is provided. The electric drive system includes a first engine and a second engine. A first electric generator is adapted to be driven by the first engine and to generate a first output. A second electric generator is adapted to be driven by the second engine and to generate a second output. An energy storage device is adapted to receive the first output from the first electric generator and the second output from the second electric generator. An electric motor is operatively connected to the energy storage device. The electric motor is operable to generate mechanical power.